

Asteroseismology of roAp stars

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We present effects of a strong magnetic field and rotation on the properties of oscillations in roAp stars. The magnetic field is treated in a non-perturbative way in a thin layer at the surface of the star. For the rotation, both Coriolis force and centrifugal distortion of the star are taken into account. The oblique pulsator model is then used to infer some parameters of these stars.